

Title (en)
CAPACITIVE TOUCH INTERFACE ASSEMBLY

Title (de)
ANORDNUNG AUS KAPAZITIVEN BERÜHRUNGSOBERFLÄCHEN

Title (fr)
ENSEMBLE INTERFACE TACTILE CAPACITIVE

Publication
EP 2616895 A4 20170426 (EN)

Application
EP 11825608 A 20110808

Priority
• US 80780110 A 20100914
• US 2011046899 W 20110808

Abstract (en)
[origin: US2012063101A1] A display assembly includes a transparent cover piece, a display shroud having a contact structure arranged to face the transparent cover piece, an interface subassembly mounted on the display shroud, an electronics board shroud having a support member and a connection feature, and a biasing member operably engaged between the display shroud and the electronics board shroud. The connection feature mechanically connects the electronics board shroud to the display shroud while permitting axial displacement and rotation therebetween. The biasing member rests on the support member of the electronics board shroud, and the biasing member is configured to urge the contact structure of the display shroud into physical contact with the transparent cover piece. The interface subassembly includes a display circuit for providing a digital display and a touch circuit for providing touch actuation at or near the digital display through the transparent cover piece.

IPC 8 full level
G06F 1/16 (2006.01); **G06F 3/02** (2006.01); **G06F 3/044** (2006.01)

CPC (source: EP US)
G06F 3/0202 (2013.01 - EP US); **H03K 17/962** (2013.01 - EP US); **H03K 2217/96031** (2013.01 - EP US); **H03K 2217/960755** (2013.01 - EP US); **Y10T 29/49002** (2015.01 - EP US)

Citation (search report)
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• [A] US 2004212583 A1 20041028 - COBIAN PAUL J [US]
• [A] EP 0388346 A2 19900919 - IBM [US]
• [A] US 4675569 A 19870623 - BOWMAN CHARLES H [US], et al
• [A] EP 1216404 A1 20020626 - ROSEMOUNT INC [US]
• [A] US 2009253388 A1 20091008 - KIELB JOHN A [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2012063101 A1 20120315; US 8315058 B2 20121120; CN 102402324 A 20120404; CN 102402324 B 20160914; CN 202281984 U 20120620; EP 2616895 A2 20130724; EP 2616895 A4 20170426; EP 2616895 B1 20190424; JP 2014500569 A 20140109; JP 5986088 B2 20160906; RU 2013126233 A 20150227; RU 2577469 C2 20160320; WO 2012036804 A2 20120322; WO 2012036804 A3 20120510

DOCDB simple family (application)
US 80780110 A 20100914; CN 201110176667 A 20110628; CN 201120222104 U 20110628; EP 11825608 A 20110808; JP 2013528206 A 20110808; RU 2013126233 A 20110808; US 2011046899 W 20110808